Sewquiet™ 4000

Variable Speed DC Servomotor

RELIABLE

Model	4000
Electrical	110V/60hz
Motor type	DC servomotor
Power	400W
Power consumption	3.5 amps
Reverse switch	Standard
Pulley type	Aluminum
Pulley sizes	#90 included #50 optional
On/off switch	Built-in
Accessories	Treadle rod, 2 - brushes 1 - fuse, mounting hardware Belt guard, instruction book
Shipping dimensions	37 x 31 x 25cm
Net weight	25 lbs
Gross weight	27 lbs
Warranty	Reliable™ 1 Year Warranty

DESCRIPTION

The 4000 series Sewquiet™ DC servomotor is the logical choice for your next sewing machine, or as a replacement for your existing clutch motor.

Stable speed control and motor noise reduction are the two main issues when choosing a servomotor. Up until now, the technology limited the performance of servomotors in these two critical categories. This has all changed with the introduction of the next generation series 4000.

The technology breakthrough on the new Sewquiet™ 4000 is a completely redesigned PC board which allows for true low current start up. There are two advantages to this. First, it allows for a more stable amperage draw, and reduces the energy consumption by an astonishing 75%. Comparing the Sewquiet™ 4000 to a standard clutch motor, when the motor is turned on (but the machine is not sewing) the clutch motor will consumer 150W/hour of electricity vs. a mere 3W/hour for the Sewquiet™... a 98% energy savings. And second, it allows for more motor torque, allowing you to sew through heavier material at low speeds.

All servomotors (regardless of brand) suffer from some degree of "buzzing" sound when the treadle is pressed. This is compounded when doing slower, detailed work. The Sewquiet's next generation of electronic circuitry has virtually eliminated this last barrier to true servomotor performance. The Sewquiet™ 4000 is the perfect choice for locations where the constant noise from a clutch motor is not welcome. The Sewquiet™ 4000 is only “on” when the treadle is pressed. When not used, the motor makes no sound at all. You only need to turn the motor off when you are finished sewing for the day.

Unlike conventional clutch motors, the Sewquiet™ 4000 operates without a mechanical clutch or brake, and there are practically no parts to break or wear out. To accommodate different types of machines with different operating directions, a convenient direction switch is located in the back of the motor. And, like all Reliable™ brand products, the Sewquiet™ 4000 is built to last. Made from the best materials, and engineered to our high standards.